In Th Claims

Please amend the claims as follows:

1. (CURRENTLY AMENDED) A ~~P~~print d circuit board (——PCB—) having a through-hole between an upper side and a lower side of the PCB, comprising:

- at least one electronic component attached to the upper side,
- at least one heat-conducting member —(HCM)— for inserting into the through-hole, extending from the upper side to the lower side, and being thermally coupled with ~~the~~said electronic component, and
- the HCM comprising a substantially planar, disc-shaped top portion and tapered or recessed, ring-shaped bottom portion, wherein said top portion is thermally coupled with said electronic component, and wherein the bottom portion has a final shape resulting from plastically deforming an origin shape of the bottom portion by pressing the HCM substantially perpendicular to the top portion via a planar pressing tools.

2. (CURRENTLY AMENDED) The PCB according to claim 1, wherein:

- the through-hole is arranged substantially centrally underneath the component, and
- a top side of the HCM is directly thermally coupled with a bottom side of the component.

3. ~~1.~~ (CANCELLED)

4. (CURRENTLY AMENDED) The PCB according to claim ~~3~~1, wherein:

- the top portion comprises several projections radially extending from an outer edge of the top portion, and
- the projections affixed the HCM to the PCB by penetrating into an

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inner wall enclosing the through-hole.

5. (CURRENTLY AMENDED) The PCB according to claim ~~3~~1, wherein between the bottom portion and an inner wall enclosing the through-hole a ring shaped gap is provided.

6. (CANCELLED)

7. (CURRENTLY AMENDED) The PCB according to claim 1, wherein said PCB comprises ~~with~~ at least one feature ~~of the features~~selected from the group consisting of:

- a top side of the HCM is disposed on the same plane as ~~plainly aligned with the~~said upper side of the PCB, and
- a bottom side of the HCM is disposed on the same plane as~~plainly aligned with the~~ said lower side of the PCB.

8. (CURRENTLY AMENDED) The PCB according to claim 1, wherein the HCM has a substantially rotationally symmetrical shape.

9. (CURRENTLY AMENDED) The PCB according to claim 1, wherein the HCM is thermally contacted with at least one of a heat sink and a cooling device preferably attached to the lower side of the PCB.

Claims 10-16 (CANCELLED)

17. (CURRENTLY AMENDED) A ~~H~~heat conducting member ~~(~~HCM~~)~~ – that is inserted into a through-hole of a~~for~~ printed circuit board ~~(~~-PCB~~)~~ ~~according to claim 1~~, wherein said HCM comprises:

- ~~the HCM has an~~ origin shape before and a plastically deformed final shape after it is inserted into the through-hole of the PCB, and
- ~~the HCM has~~ a disc-shaped top portion and a ring-shaped bottom portion extending from the top portion.

18. (CURRENTLY AMENDED) The HCM according to claim 17, comprising at least one ~~of the~~ features selected from the group consisting of:

- the top portion comprises several projections radially ext nding from an outer edge of th top portion;
- in the origin shape, the bottom portion has a truncated conical profile tapering with increasing distance from the top p rtion;
- the HCM has a substantially rotationally symmetrical shape; and
- the HCM is made as a one-piece element.